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Claim 1 cont.

Q1 rotating [the] said restricted field-of-view with respect to [the missile roll] said longitudinal axis, [for example by controlling roll of the missile itself, the missile further comprising], and a control system, connected between said target tracker and said drive motor means [and], said control system including look-angle demand signal deriving means for deriving signals indicative of desired positions of a target relative to the missile, said signals including lateral steering signals and also including angle signals indicative of the angular arguments of the polar coordinates of said desired position, first limiting means connected to said signal deriving means to receive said angle signal and for limiting these signals to between two limit values, signal processing means for receiving said limited angle signals and for forming therefrom signals for controlling the rotation of said field-of-view by said drive means, second limiting means for receiving said lateral steering signals and limiting them to less than a limit value, and combining means connected to said first and second limiting means and said drive motor means and operable for combining the limited angle signals and the limited lateral steering signals to form steering control signals for controlling lateral steering of the missile.

R E M A R K S

Reconsideration and allowance of this application as amended are respectfully requested.

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Claim 1 is amended and remains the only claim in the application.

The drawings were objected to because in Figures 1 and 2 the numeral "1" denoted two different elements and the rectangular blocks in Figure 2 were unlabelled. By separate paper filed herewith entitled "Request for Approval of Drawing Corrections", drawing corrections are requested for overcoming these objections.

The disclosure was objected to because of various informalities noted by the Examiner in paragraph No. 2 on page 2 of the Official Action. The specification is amended to correct each of these informalities.

Claim 1 was rejected under 35 U.S.C. 112, second paragraph as being indefinite. The claim is amended to address the specific ground problem noted by the Examiner in paragraph 3 on page 2 of the Official Action. In addition, the claim is further amended to improve it in accordance with the requirements of 35 U.S.C. 112 second paragraph.

Claim 1 was rejected under 35 U.S.C. 103 as being unpatentable over Linscott et al (U.S. Patent 3,07,365) in view of Gauggel (U.S. Patent 4,288,050). This ground of rejection is respectfully traversed.

Contrary to the Examiner's assertion, Gauggel does not disclose or suggest the use of any signal limiting means of the kind required by claim 1. Gauggel does use threshold switches 42 and 56 (shown in reference Figure 1). However, such threshold

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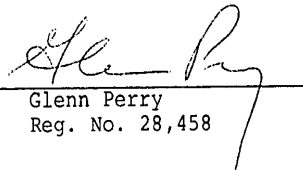
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switches do not constitute limiting means of the kind defined in claim 1. In addition, the Gauggel threshold switches are not used in the same manner or for the same purpose as applicants claimed signal limiting means and therefore cannot be regarded as being equivalent thereto.

In view of the above amendments and remarks, it is submitted that the application as amended is in condition for allowance and such notice is earnestly solicited.

Respectfully submitted,

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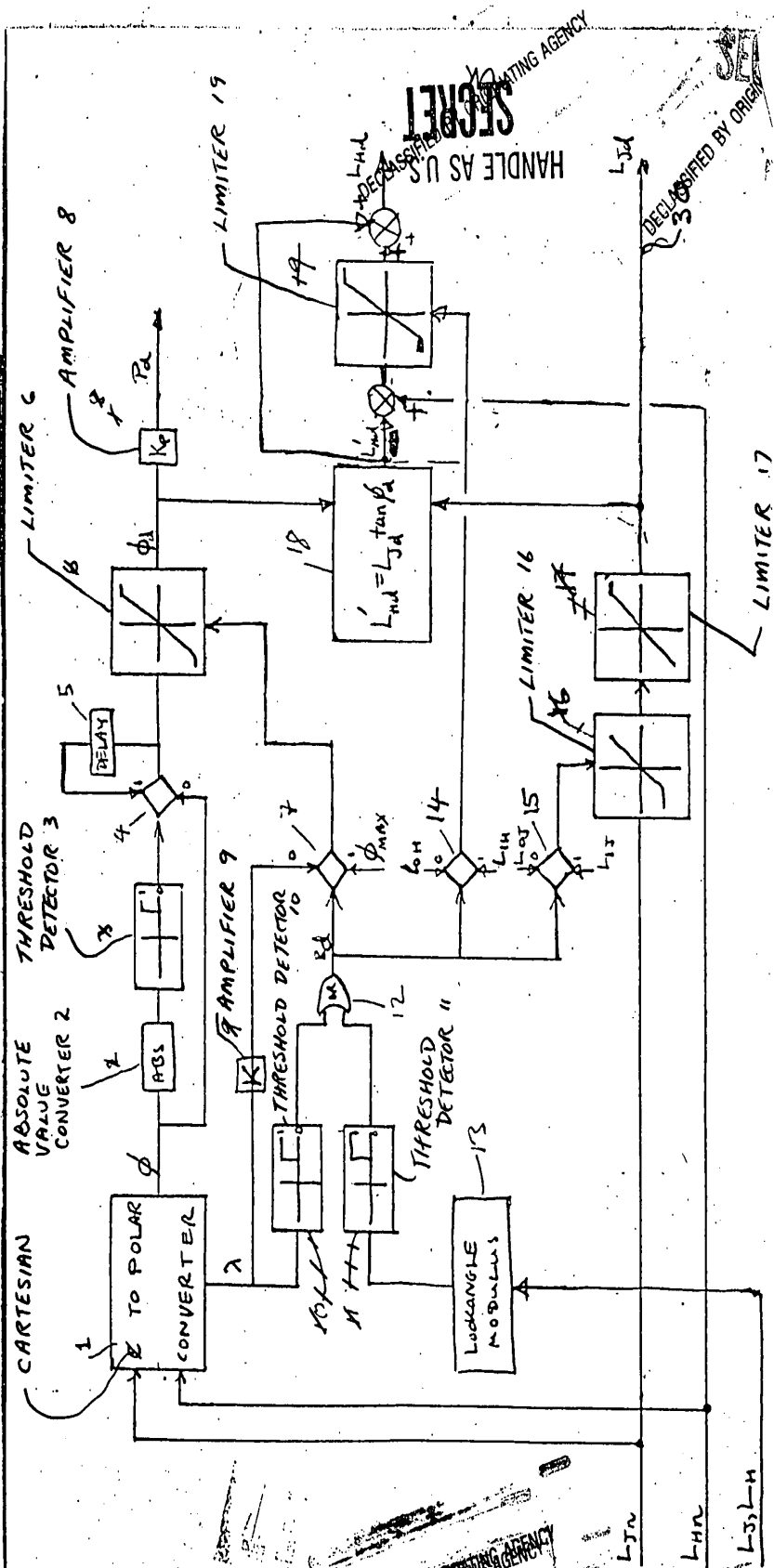


Figure 2

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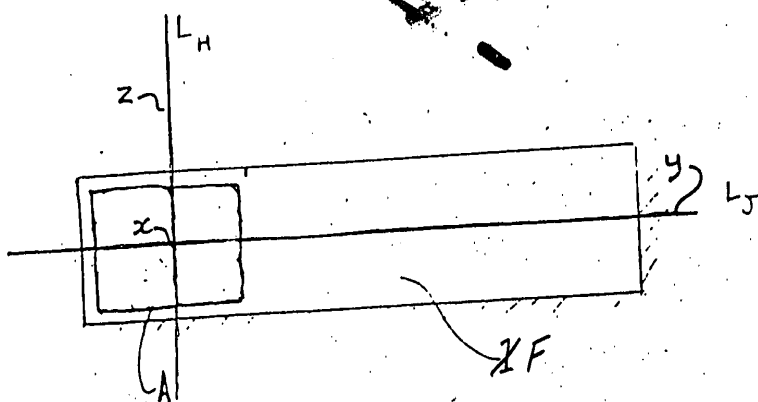


Figure 1

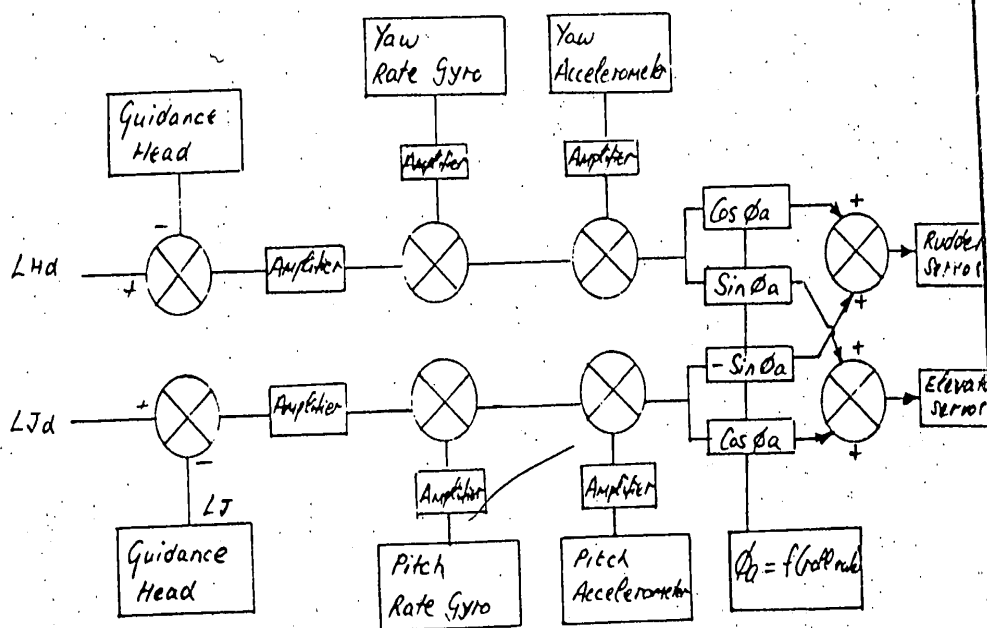


figure 3

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